amped | wireless

User's Guide

High Power Wireless-150N Compact USB Adapter

UA150C

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INTRODUCTION

Thank you for purchasing this Amped Wireless product. At Amped Wireless we strive to provide you with the highest quality products through innovation and advanced technology. We pride ourselves on delivering products that outperform the competition and go beyond your expectations. If you have any questions please feel free to contact us. We'd love to hear from you and thank you for your support!

Email: sales@ampedwireless.com

Call: 888-573-8830

Web: www.ampedwireless.com

GETTING STARTED

Package Contents

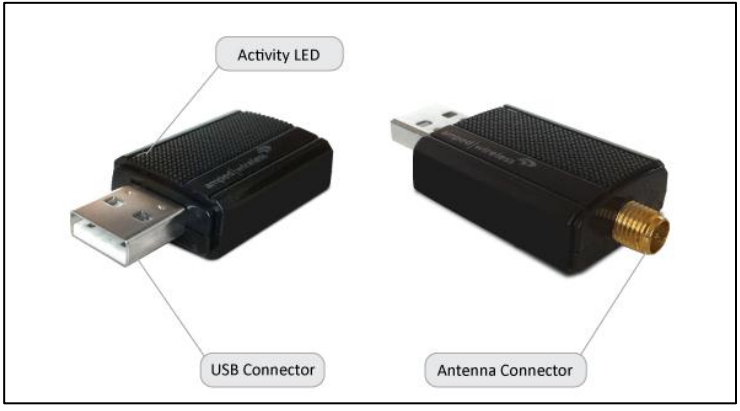
Check to make sure you have all the contents within your package:

- High Power Wireless Adapter
- USB Connector Cap
- High Power 3dBi Antenna
- Setup CD (Driver, Software and Users Guide)
- Setup Guide

Connectors and LED Indicators

USB: The USB 2.0 connector attaches the Adapter to your computers USB port. (Do not insert the USB Adapter until after you have installed the software and driver from the CD)

Antenna Connector: RJ-SMA antenna connector. Compatible with all antennas with RP-SMA connectors. Upgradable to high gain antennas for more range



Activity LED: Blinks rapidly when wireless data traffic is passing through the High Power Adapter.

SETUP GUIDE

Windows 7 and Vista Installation

a) Power on your PC and Insert the CD.

Locate the Setup CD and insert it into your CD drive

Do not insert the USB Adapter until after the software/driver has been fully installed.

b) When the Menu page appears click on Install Software to begin the installation process.

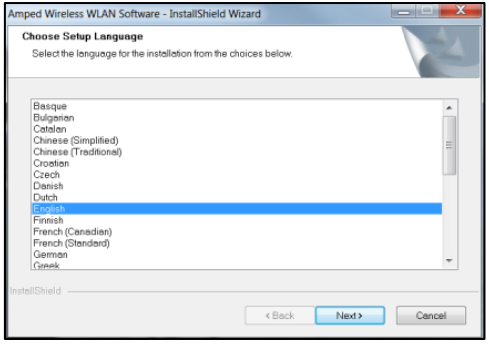
If the Menu page does not appear, select Run Autoload.exe if prompted or browse your CD drive and double-click the Autoload.exe file.

c) Click Yes to allow the program to make changes and continue with the installation.

User Account Control
Do you want to allow the following program to make changes to this computer?
Program name: Amped Wireless WLAN Software
Verified publisher: Amped Wireless
File origin: CD-Rom Drive
Show details
Yes
No
Change when these notifications appear

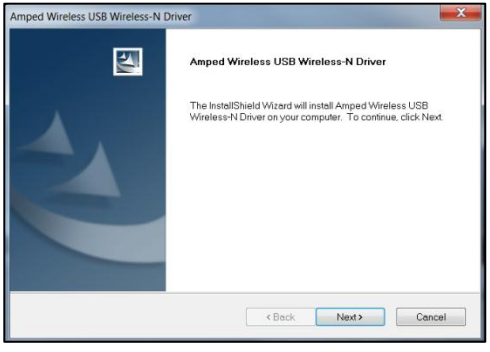
d) Select your Language

Select the language for the installation process and click Next



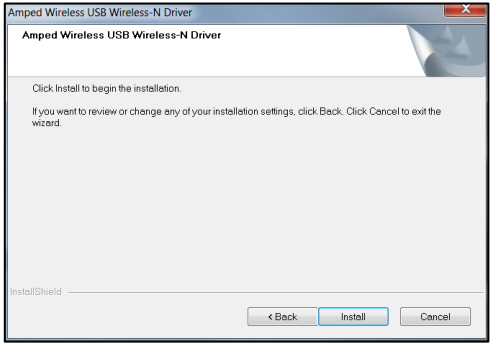
e) Continue with the Installation

Click Next to proceed with the installation


Amped Wireless USB Wireless-N Driver
Amped Wireless USB Wireless-N Driver
The InstallShield Wizard will install Amped Wireless USB Wireless-N Driver on your computer. To continue, click Next.
< Back
Next >
Cancel

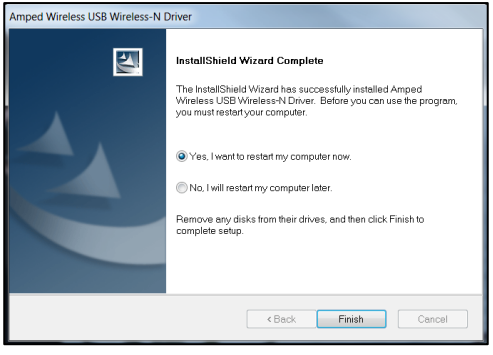
f) Continue with the Installation

Click Install to proceed to the next step


Amped Wireless USB Wireless-N Driver
Amped Wireless USB Wireless-N Driver
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

g) Restart your Computer

A prompt will appear asking you to restart your computer. Select Yes and click Finish to restart your computer. Be sure to save any unsaved work before clicking Finish to avoid losing any unsaved data.


Amped Wireless USB Wireless-N Driver
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed Amped Wireless USB Wireless-N Driver. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

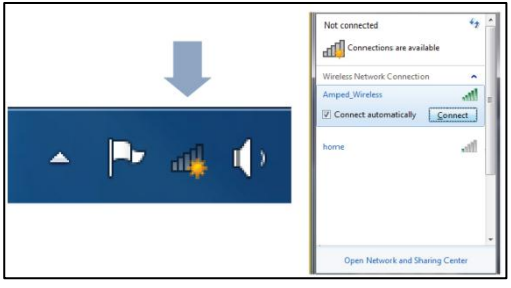
h) Insert the High Power USB Adapter

After the computer has fully rebooted, locate an available USB port and insert the USB Adapter. Windows should automatically begin installing the driver for use with the USB Adapter.

i) Connect to a Wireless Network

Locate the Wireless Icon on your Windows desktop (located on the bottom right corner) and click it to view available wireless networks. Highlight your desired network and click Connect.

If the network you are trying to connect to is secure, you will be prompted to enter the security key. If you have any problems connecting to the network have windows diagnose the connection.



Windows XP and 2000 Installation

a) Power on your PC and Insert the CD.

Locate the Setup CD and insert it into your CD drive

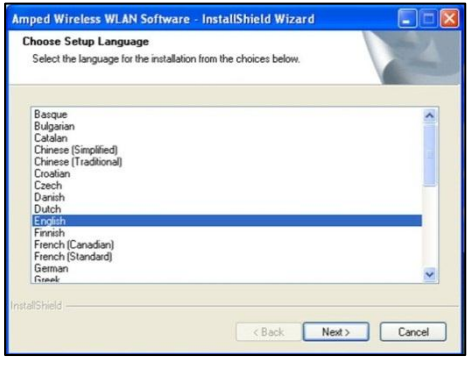
Do not insert the USB Adapter until after the software/driver has been fully installed.

b) When the Menu page appears click on Install Software to begin the installation process.

If the Menu page does not appear, select Run Autoload.exe if prompted or browse your Cd drive and double-click the Autoload.exe file.

c) Select your Language

Select the language for the installation process and click Next



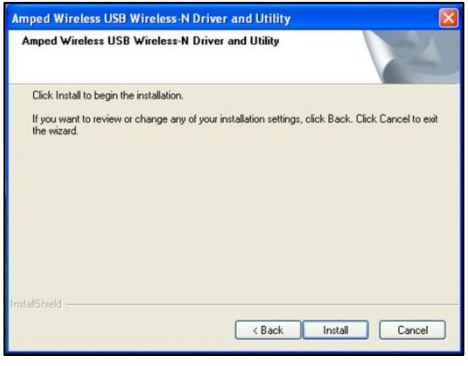
d) Begin the Installation

Click Next to continue with the installation.

Amped Wireless USB Wireless-N Driver and Utility
Amped Wireless USB Wireless-N Driver and Utility
The InstallShield Wizard will install Amped Wireless USB Wireless-N Driver and Utility on your computer. To continue, click Next.
< Back
Next >
Cancel

e) Continue the Installation

Click Install to continue with the installation.


Amped Wireless USB Wireless-N Driver and Utility
Amped Wireless USB Wireless-N Driver and Utility
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

f) Restart your Computer

After the installation has completed, a prompt will appear asking you to restart your computer. Select Yes and click Finish to restart.

Amped Wireless USB Wireless-N Driver and Utility
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed Amped Wireless USB Wireless-N Driver and Utility. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

g) Insert the High Power USB Adapter

After the computer has fully rebooted, locate an available USB port and insert the USB Adapter.

The Windows XP/2000 Found New Hardware Wizard should appear.

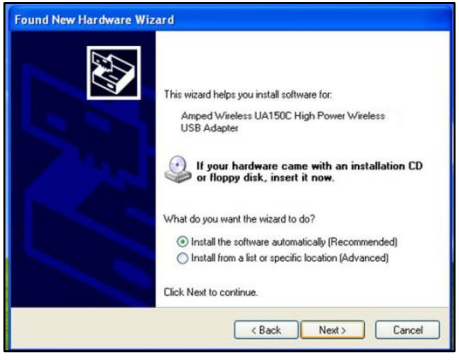
h) Found New Hardware Wizard

When the Found New Hardware Wizard Appears and asks to search for software, select No, Not at this time. Click Next to continue.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

i) Found New Hardware Wizard

When prompted by the Found New Hardware Wizard to install the software, select Install the Software Automatically (Recommended) and click Next. The Wizard should begin to install the software and driver for the High Power USB Adapter.


Found New Hardware Wizard
This wizard helps you install software for:
Amped Wireless UA150C High Power Wireless USB Adapter
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

j) Completing the Found New Hardware Wizard

After the Wizard has finished installing the software for the High Power Adapter click Finish to close the Wizard and begin using your High Power Adapter.

Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
Amped Wireless UA150C High Power Wireless USB Adapter
Click Finish to close the wizard.
< Back
Finish
Cancel

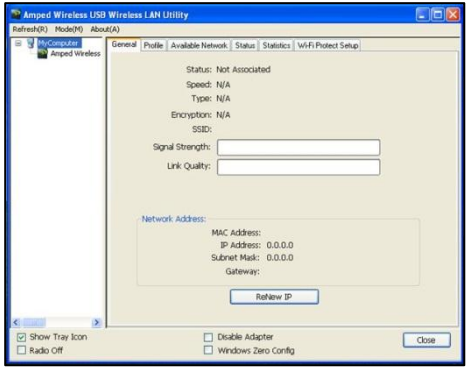
k) Open the Amped Wireless Utility

Locate the Amped Wireless Utility Icon on the windows desktop and double-click it to open.

l) Connect to a Wireless Network

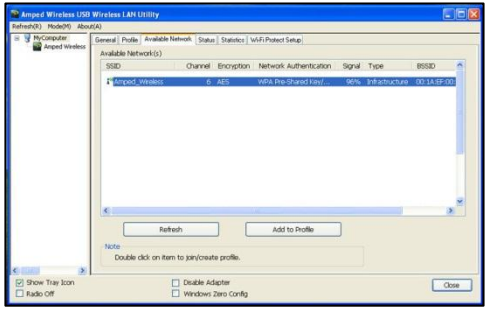
Click on the Available Network tab to begin scanning for available wireless networks.

Note: Before continuing, make sure the following checkboxes on the bottom of the Utility are NOT checked: Disable Adapter, Radio Off and Windows Zero Config.



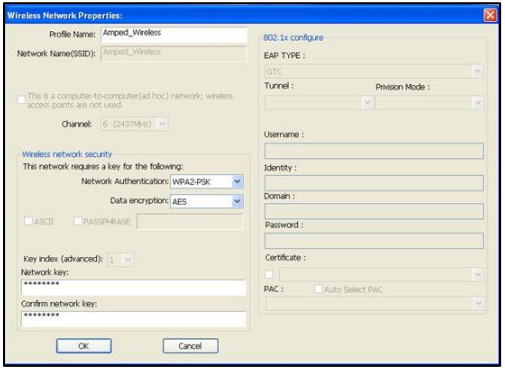
m) Connect to a Wireless Network

Once the Utility has finished scanning for wireless networks, highlight your network and double-click it to join the network.



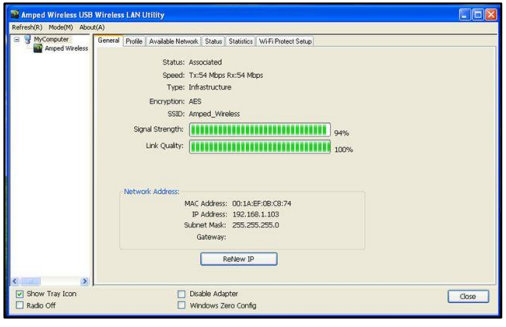
n) Connect to a Wireless Network

If the network you are attempting to connect to has security enabled, you will need to enter the security key here. Under Network Key, enter the key and then confirm the key again and click OK.



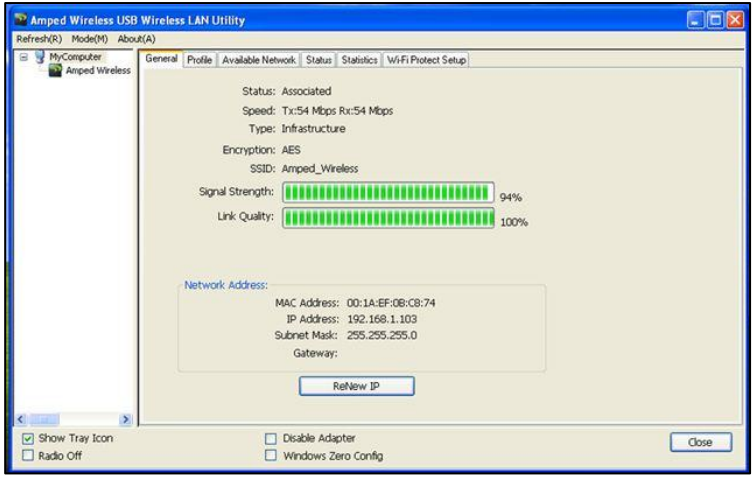
o) Connect to a Wireless Network

Congratulations, you are now successfully connected to your wireless network. The General tab will show your connection status and connection quality. On the bottom right corner of your desktop the Utility will also display your link quality so you can easily view it at any time.



Using the Amped Wireless Utility (XP/2000)

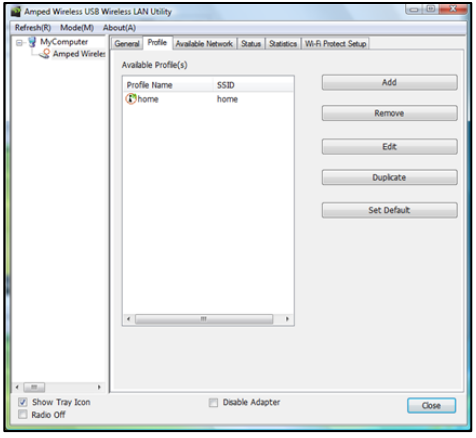
General: The General tab provides information regarding the current status of your High Power Adapter. If you are connected to a wireless network, it will display the connection details as well as the IP address settings.



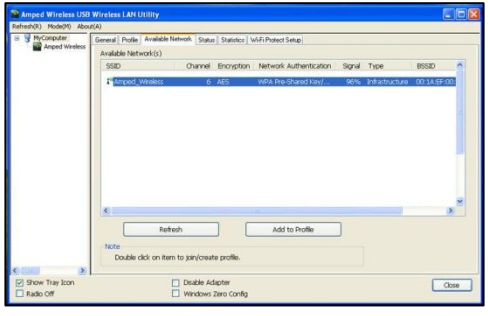
Renew IP: Request a new IP address from your wireless router. Use this feature in the case where your internet connection stops working (but you are still connected to the wireless network).

Windows Zero Config: If your version of Windows has a wireless utility installed, the feature will allow you to use the Windows wireless utility instead of the Amped Wireless Utility.

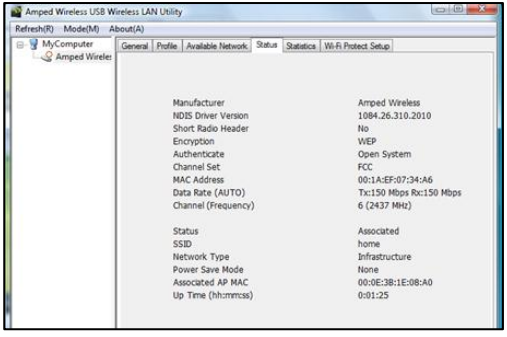
Profile: Save the settings and password to any wireless connection by using profiles. Profiles allow you to automatically connect to a saved wireless network whenever you are in range of the network. Profiles can be ranked in order of priority in the case where multiple networks are in the same vicinity.



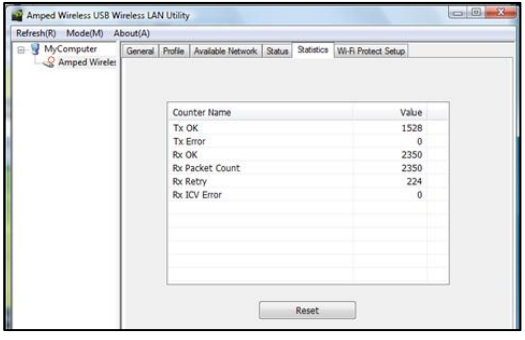
Available Networks: Displays the available networks within your range. Click Refresh to rescan for networks or Add to Profile to save the network and connect automatically the next time the network comes in range. To simply connect to a wireless network, highlight the network and double-click it.



Status: The Status tab displays information regarding the driver, current settings, connection details and other device information.



Statistics: Displays the current data traffic information where TX stands for transfer and RX stands for receive.



Wi-Fi Protect Setup: WPS (also known as one touch setup or push button configuration) allows for an alternative method to connect to a wireless network. The Amped Wireless Utility provides two WPS methods to use: PIN code connection or PBC (Push Button Configuration). PBC works if your WPS enabled router designates that you push a button on your wireless adapter to connect to the network. This button serves as a virtual button to push when needed.

Amped Wireless USB Wireless LAN Utility
Refresh(R) Mode(M) About(A)
MyComputer
Amped Wireles
General Profile Available Network Status Statistics Wi-Fi Protect Setup
Wi-Fi Protected Setup (WPS)
An easy and secure setup solution for Wi-Fi network
Pin Input Config (PIN)
After pushing the PIN button.Please enter the PIN code into your AP.
PIN Code : 89125991
Pin Input Config (PIN)
Push Button
After pushing the PBC button.Please push the physical button on your AP or visual button on the WPS config page.
Push Button Config (PBC)

Mac OS X Installation

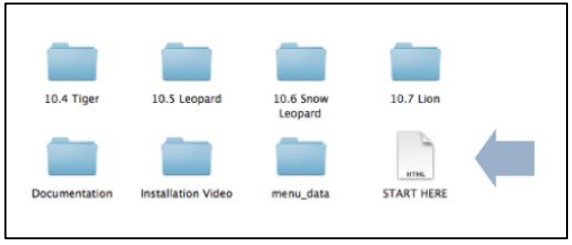
(For OS X 10.4, 10.5, 10.6, and 10.7)

a) **Power on your Mac computer and Insert the Setup CD**

Do not insert the USB Adapter until after the software/driver has been fully installed.

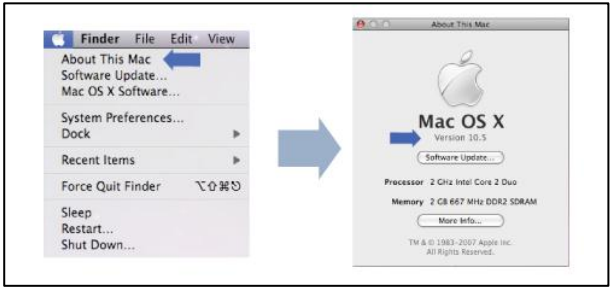
b) Access the Menu Page

From the autoload folder, click START HERE to open the CD Menu. If the CD menu does not load browse the CD to find the Install Software file for your Mac's operating system.



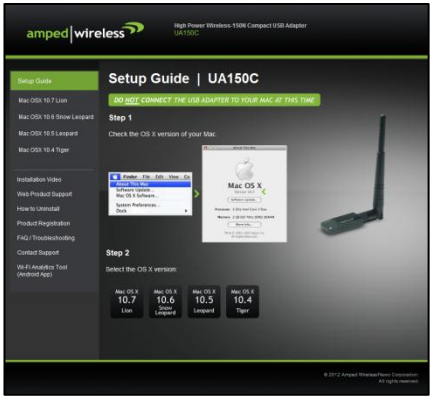
c) Find your Operating System Version

Click on the Apple Icon (upper-left corner). Select About this Mac and note the Mac OS X version.



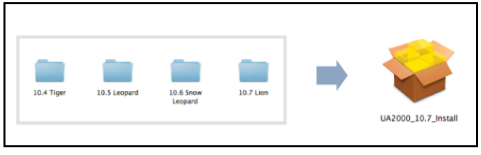
d) CD Menu: Select your Operating System

From the CD Menu, find the OS X version and processor that matches your Mac and select it to begin installing the software.


amped wireless
High Power Wireless-150N Compact USB Adapter
UA150C
Setup Guide
Mac OSX 10.7 Lion
Mac OSX 10.6 Snow Leopard
Mac OSX 10.5 Leopard
Mac OSX 10.4 Tiger
Installation Video
Web Product Support
How to Uninstall
Product Registration
FAQ / Troubleshooting
Contact Support
Wi-Fi Analytics Tool (Android App)
Setup Guide | UA150C
DO NOT CONNECT THE USB ADAPTER TO YOUR MAC AT THIS TIME
Step 1
Check the OS X version of your Mac
Mac OS X
Step 2
Select the OS X version:
Mac OS X 10.7 Lion
Mac OS X 10.6 Snow Leopard
Mac OS X 10.5 Leopard
Mac OS X 10.4 Tiger

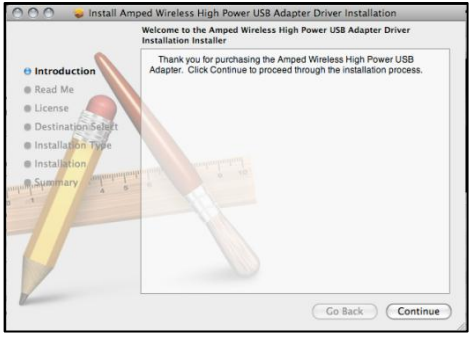
e) Find the Folder on the Setup CD

Open your OS X version folder and then click the Installation file to begin the installation.



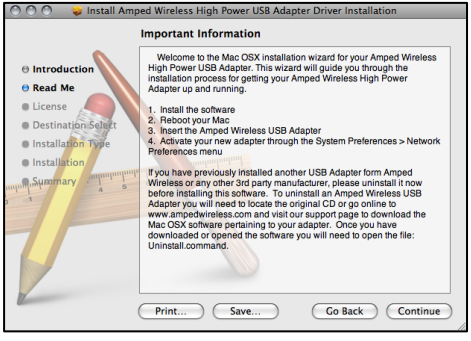
f) Begin the Installation

Click Continue to begin the installation.


Install Amped Wireless High Power USB Adapter Driver Installation
Welcome to the Amped Wireless High Power USB Adapter Driver Installation Installer
Introduction
Read Me
License
Destination Select
Installation Type
Installation
Summary
Thank you for purchasing the Amped Wireless High Power USB Adapter. Click Continue to proceed through the installation process.
Go Back
Continue

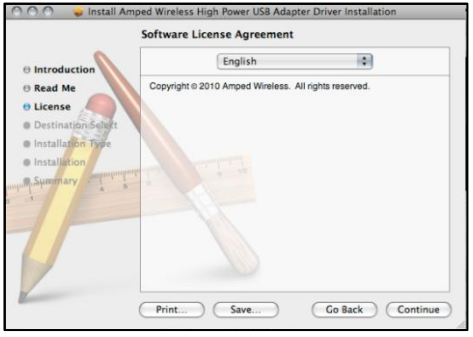
g) Continue the Installation

Click Continue to proceed with the installation.


Install Amped Wireless High Power USB Adapter Driver Installation
Important Information
Introduction
Read Me
License
Destination Select
Installation Type
Installation
Summary
Welcome to the Mac OSX installation wizard for your Amped Wireless High Power USB Adapter. This wizard will guide you through the installation process for getting your Amped Wireless High Power Adapter up and running.
1. Install the software
2. Reboot your Mac
3. Insert the Amped Wireless USB Adapter
4. Activate your new adapter through the System Preferences > Network Preferences menu
If you have previously installed another USB Adapter form Amped Wireless or any other 3rd party manufacturer, please uninstall it now before installing this software. To uninstall an Amped Wireless USB Adapter you will need to locate the original CD or go online to www.ampedwireless.com and visit our support page to download the Mac OSX software pertaining to your adapter. Once you have downloaded or opened the software you will need to open the file: Uninstall.command.
Print...
Save...
Go Back
Continue

h) Select your Installation Language

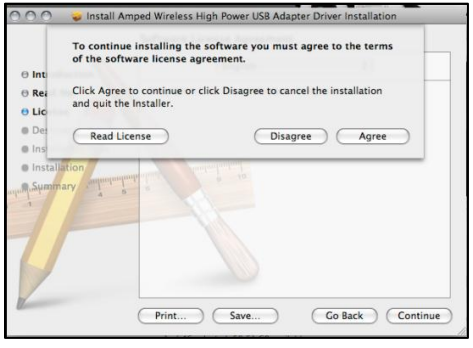
Select the language that you wish to continue the installation in and click Continue.



i) Continue the Installation

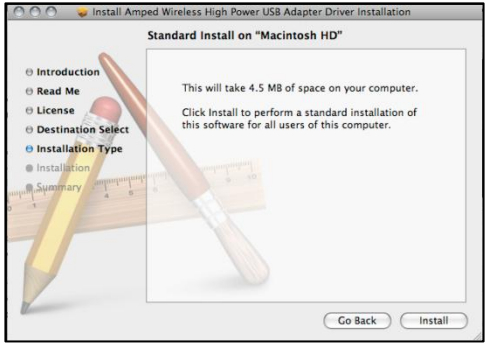
Click Agree to accept the software license agreement and proceed with the installation.

Note: If prompted, select the hard drive that you wish to install the software on and click Continue to proceed.


Install Amped Wireless High Power USB Adapter Driver Installation
To continue installing the software you must agree to the terms of the software license agreement.
Click Agree to continue or click Disagree to cancel the installation and quit the Installer.
Read License
Disagree
Agree
Installation
Summary
Print...
Save...
Go Back
Continue

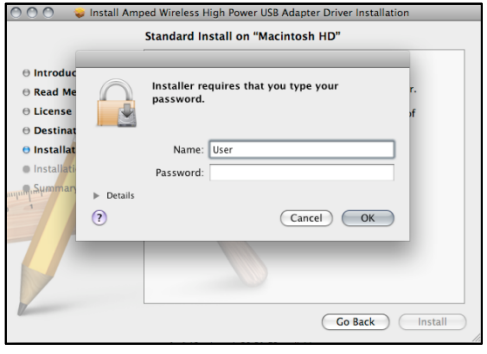
j) Continue the Installation

Click Install to proceed with the installation.


Install Amped Wireless High Power USB Adapter Driver Installation
Standard Install on "Macintosh HD"
Introduction
Read Me
License
Destination Select
Installation Type
Installation
Summary
This will take 4.5 MB of space on your computer.
Click Install to perform a standard installation of this software for all users of this computer.
Go Back
Install

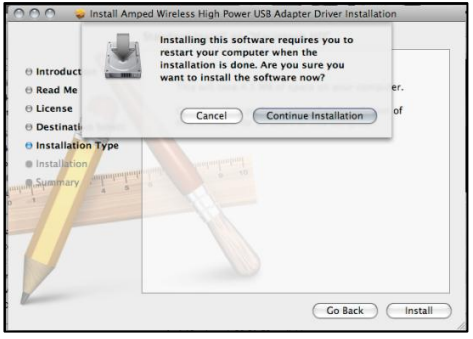
k) Enter your Password

If prompted, enter your password to allow the setup process to install the necessary files on your Mac.



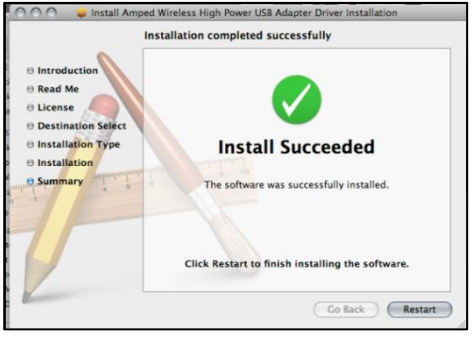
l) Continue the Installation

The installation wizard will notify you that a restart of your Mac is necessary after the installation completes. Click Continue Installation to proceed with the installation.



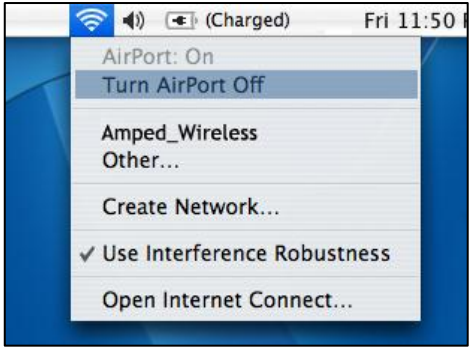
m) Restart your Computer

When the software has finished installing, you will be prompted to restart your Mac. Click Restart to reboot your computer.



n) Turn off your Airport Card

After the computer reboots, disable any AirPort cards that may be installed on your Mac by selecting the wireless icon (upper-right corner) and select Turn AirPort Off. If you do not have an Airport Card, continue to the next step.



o) Insert the High Power USB Adapter

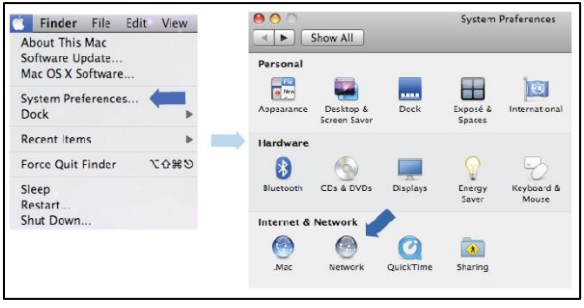
Once all Airport Cards have been disabled you may insert the High Power USB Adapter into an available USB port.

p) Activate the USB Adapter

You may be prompted to activate your USB Adapter in Network Preferences (below).

NOTICE
You must Activate your new USB Adapter before use.
Go to Network Preferences, highlight the new
Ethernet Adapter and click Apply.
OK

If not, select the Apple Button (upper left corner) and select System Preferences from the drop-down list. From there, select Network.



q) Activate the USB Adapter

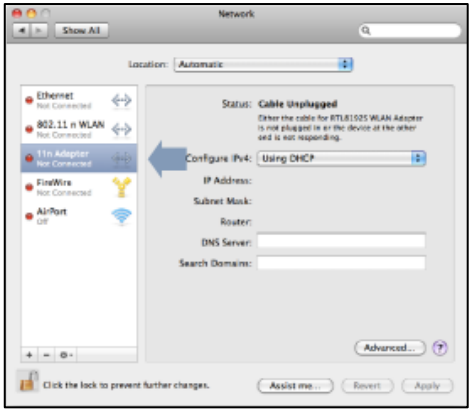
For OS X OS X 10.4 Tiger and 10.5 Leopard ONLY:

(For OS X 10.6 Snow Leopard and 10.7 Lion see next page)

Select Ethernet Adapter (en#) and click Advanced.

In the Advanced Menu, check that the adapter is Using DHCP and then click OK.

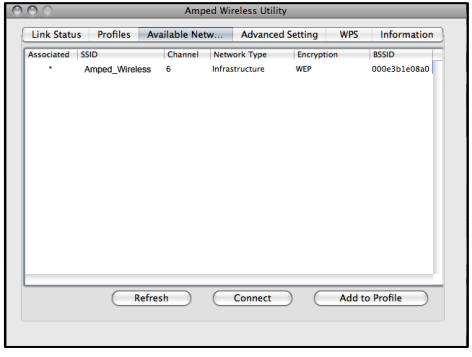
For OS X 10.6 Snow Leopard and 10.7 Lion ONLY:
Select 11n Adapter and Click Apply.



r) Connect to a Wireless Network

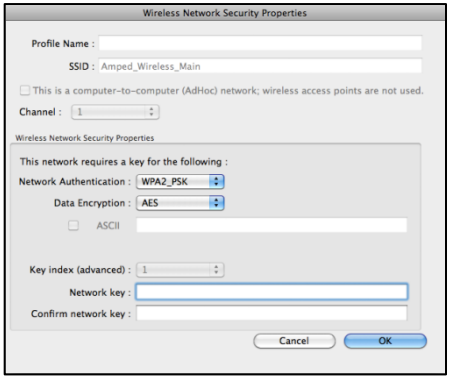
Once your USB Adapter has been activated, the Amped Wireless Utility should automatically load. Select the Available Networks tab to view nearby networks.

Highlight the wireless network that you wish to connect to and click Connect to join the network.



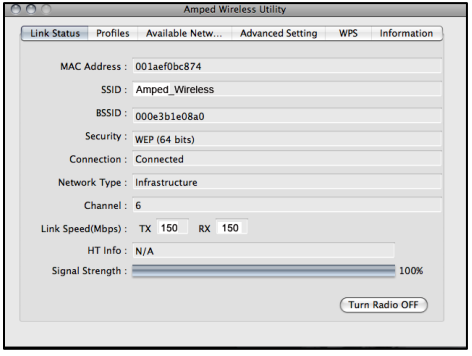
s) Connect to a Wireless Network

If the network you are attempting to connect to has security enabled, you will need to enter the security key here. Under Network Key, enter the key and then confirm the key again and click OK.


Wireless Network Security Properties
Profile Name :
SSID : Amped_Wireless_Main
This is a computer-to-computer (AdHoc) network; wireless access points are not used.
Channel : 1
Wireless Network Security Properties
This network requires a key for the following :
Network Authentication : WPA2_PSK
Data Encryption : AES
ASCII
Key index (advanced) : 1
Network key :
Confirm network key :
Cancel
OK

t) Connect to a Wireless Network

Congratulations, you are now successfully connected to your wireless network. The Link Status tab will show your connection status and connection quality.

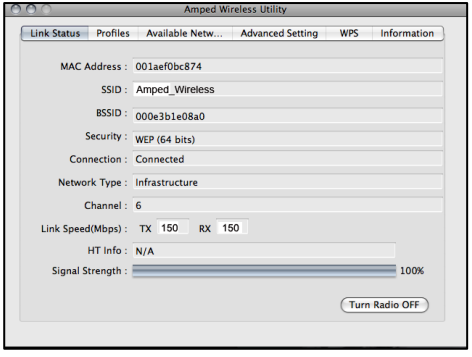


You can access the Amped Wireless Utility at any time by selecting the icon on your desktop. (The USB Adapter must be attached).

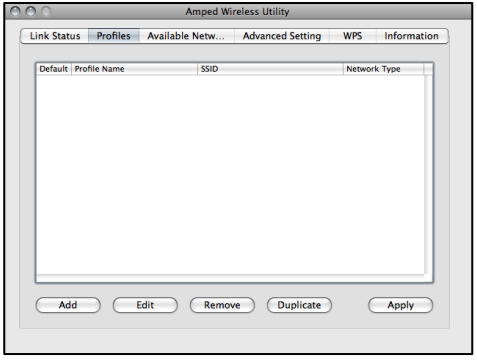
Using the Amped Wireless Utility (Mac)

Link Status: The Link Status tab provides information regarding the current status of your High Power Adapter. If you are connected to a wireless network, it will display the connection details, security type and signal strength of your current connection.

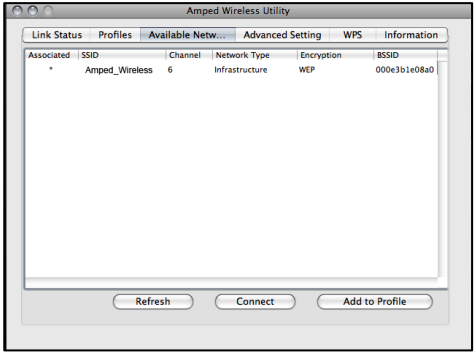
Turn Radio Off: If you wish to disable your wireless connection for any reason, you may select this button to disable the wireless radio on the High Power Adapter.



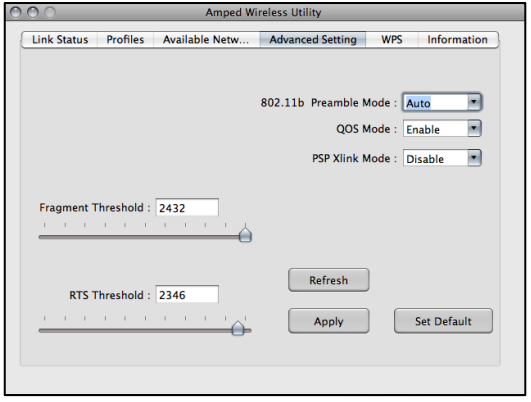
Profile: Save the settings and password to any wireless connection by using profiles. Profiles allow you to automatically connect to a saved wireless network whenever you are in range of the network. Profiles can be ranked in order of priority in the case where multiple networks are in the same vicinity.



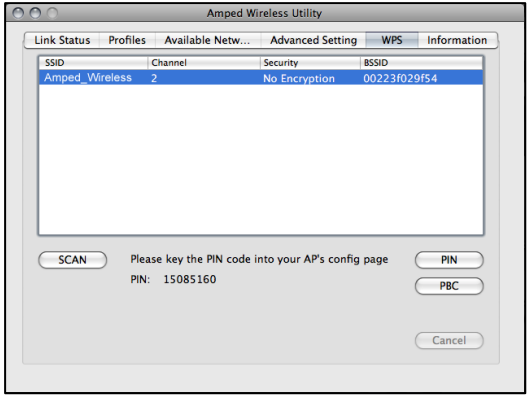
Available Network: Displays all the available wireless networks within range of the High Power Adapter. To connect, select the wireless network and click Connect. Or save the network to a profile so that the connection is automatically established when the High Power Adapter is in range of the wireless network. The available network display also provides detailed information regarding each network, including the security or encryption type, network name (SSID) and other additional information.



Advanced Settings: Configure advanced wireless settings for your High Power Adapter. It is recommended that only experienced wireless network technicians adjust these settings.



WPS: Wi-Fi Protected Setup (also known as one touch setup or push button configuration) allows for an alternative method to connect to a wireless network. The Amped Wireless Utility supports PIN code connection and PBC (Push Button Configuration). Scan for WPS compatible wireless networks and follow the directions to use WPS to connect.



TECHNICAL SPECIFICATIONS

Wireless Standard: 802.11n, (Compatible with 802.11b/g)
Frequency Band: 2.4 GHz
Wireless Speed: 150Mbps Rx/Tx
Amplifier: Low Noise Amplifier
Wireless Sensitivity: -95dBm
Wireless Output Power: Up to 21 dBm
Antennas:

- 1 x Detachable High Gain 3dBi Antennas
- 1 x Reverse SMA Connectors

Warranty: 1 Year

Setup Requirements:

- Available Wireless 2.4GHz 802.11b/g/n Network
- Windows® 2000, XP (32/64 bit), Vista (32/64 bit), or 7 (32/64 bit)
- Mac OS X 10.4, 10.5,10.6, 10.7
- 100 MB of free disk space
- CD/DVD drive
- Available USB 2.0 Port

TROUBLESHOOTING AND SUPPORT INFORMATION

We are here to help. If you have any issues with your High Power Wireless USB Adapter please contact us.

To contact Amped Wireless Technical Support use one of the following methods:

Phone: 888-573-8820

Email: techsupport@ampedwireless.com

Web: www.ampedwireless.com/support

Troubleshooting

The tips in this guide are listed in order of relevance. Try solution (a) before trying solution (b) etc…

I cannot get the CD menu page to appear in Windows.

a. Insert the CD into your CD drive (or DVD) and click on Start, then My Computer. Find your CD or DVD drive and right click it, select explore or open. Find the autoload.exe file and double click it to access the CD menu.
b. Check to see that your CD-drive is working correctly by inserting another disk first then retry the Amped Wireless installation disk.

I cannot get the CD menu page to appear in Mac OS X.

a. Insert the CD into your CD drive (or DVD) and click on the CD icon that appears on your desktop (normally on the upper right corner). Find the file titled Install Software and click it. The menu should appear.
b. Check to see that your CD-drive is working correctly by inserting another disk first then retry the Amped Wireless installation disk.

No networks appear in the scan results.

a. The wireless adapter may be out of range. Double check that the antenna is secured tightly to the adapter and scan for wireless networks again.
b. Verify that the adapter is firmly inserted into your USB drive and try to scan for networks again.
c. Check to see that the wireless network you are connecting to is functioning correctly. If possible, locate your wireless router and see that the wireless LED is blinking correctly. If not, check the connection and configuration of your wireless router.
d. (Mac Solution)You may need to activate your wireless adapter. Click the Apple icon, select System Preferences, then click on Network. Highlight the adapter titled Ethernet Adaptor (en#) for OS X 10.5 and below and click Advanced, then click Apply. For OS X 10.6, select the adapter titled 11n Adapter and click Apply. Try to scan for networks again.
e. (Windows Solution) The wireless adapter may be disabled. Go to the Start menu, select Control Panel. Then select Device Manager and locate the Amped Wireless adapter under the Network Adapters category. Right click the Amped Wireless adapter and check to see if it is disabled. If disabled, enable the adapter and try to scan for networks again. If there is a problem with the driver, it will also be displayed here. Check solution (f) to solve this issue.

f. Uninstall the software by clicking Start, then select Control Panel, then select Programs. Find the Amped Wireless program and uninstall it. Once fully uninstalled, remove the adapter from your USB port, reinstall the Amped Wireless software using the supplied instructions and try again.

The Activity LED does not come on and nothing happens when the adapter is plugged in.

a. If the LED is not on, this means the adapter does not have power or is installed incorrectly. Verify that the adapter is firmly inserted into your USB drive and try to scan for networks again.
b. Unplug the USB adapter from the USB port and plug it back in firmly. Re-scan for wireless networks.
c. (Mac Solution)You may need to activate your wireless adapter. Click the Apple icon, select System Preferences, then click on Network. Highlight the adapter titled Ethernet Adaptor (en#) for OS X 10.5 and below and click Advanced, then click Apply. For OS X 10.6, select the adapter titled 11n Adapter and click Apply. Try to scan for networks again.
d. (Windows Solution) The wireless adapter may be disabled. Go to the Start menu, select Control Panel. Then select Device Manager and locate the Amped Wireless adapter under the Network Adapters category. Right click the Amped Wireless adapter and check to see if it is disabled. If disabled, enable the adapter and try to scan for networks again. If there is a problem with the driver, it will also be displayed here. Check solution (e) to solve this issue.

e. Uninstall the software by clicking Start, then select Control Panel, then select Programs. Find the Amped Wireless program and uninstall it. Once fully uninstalled, remove the adapter from your USB port, reinstall the Amped Wireless software using the supplied instructions and try again.

The Activity LED is blinking but I cannot access the Internet.

a. You may have a mismatch in your SSID or your wireless security key. Double check the security key that you are using for your current wireless connection. Double check that the name of the SSID is the correct name of the network you are trying to connect to.
b. You may have an incorrect IP address assignment.
   - For Windows XP and 2000: Open the Amped Wireless Utility and go to the General tab. Click Renew IP.
   - For Windows 7 and Vista: Open the Windows wireless utility by clicking the wireless icon on the bottom right corner. Right click the wireless network that you are connected to and click Status. Click diagnose to allow Windows to reset your connection
   - For Mac OS X: Open the Amped Wireless Utility and disconnect from your current network. Wait a few moments and connect again. If this does not work, unplug the USB adapter from your Mac and plug it back in. Connect to your network again and check your Internet connection.

c. The wireless router that you are connecting to may have lost its internet connection. If possible, check the connection between your router and the ISP.

I have a dual-band wireless router and I cannot connect to it.

Log into the Web Menu for your dual-band wireless router and adjust the wireless settings. Change the wireless band to mixed mode 2.4GHz and 5GHz or 2.4GHz only.

The connection seems slow or the utility states a slow connection (54Mbps or lower)

a. You may be far from your wireless router. Try moving closer and checking your speeds again. Wireless speed degrades as you move further away from the wireless router.
b. The wireless router you are connected to may not support 802.11n speeds. Check the speed of your wireless router. Make sure it is an 802.11n router.
c. The wireless router may not be configured for full 802.11n speeds. Check the current wireless settings on your router to ensure that it is in 802.11n mode.
d. There may be many wireless users on your network. Check that your wireless network is not congested with wireless users.
e. Users on your wireless network may be utilizing the available bandwidth. Other users may be using data intensive applications such as media streaming, downloading large files and gaming.

f. If you have an original wireless adapter or Ethernet adapter that may be causing problems with your wireless connection or making your wireless connection slow. To disable it:
    - Windows: Click Start, then Control Panel, then Device Manager. Under Network Adapters locate your original wireless or wired adapter (not the Amped Wireless adapter). Right click the adapter and select disable.
    - Mac: Click on the wireless icon in the top right corner of your desktop. Select Turn Airport Off.

The wireless signal strength is poor

a. You may be far from your wireless router. Try moving closer and checking your signal strength again. Wireless signal strength degrades as you move further away from the wireless router.
b. Your wireless environment, home or office may have objects that cause wireless interference. Obstructions such as walls, metal appliances, microwaves among other things may cause wireless signal strength to degrade. Try to use the wireless adapter and your wireless router away from these objects.
c. The channel of your wireless network may be congested. Change the channel of your wireless network by configuring the settings on your wireless router.

d. If you have an original wireless adapter or Ethernet adapter that may be causing problems with your wireless connection or making your wireless connection slow. To disable it:
    - Windows: Click Start, then Control Panel, then Device Manager. Under Network Adapters locate your original wireless or wired adapter (not the Amped Wireless adapter). Right click the adapter and select disable.
    - Mac: Click on the wireless icon in the top right corner of your desktop. Select Turn Airport Off.

The Windows wireless utility states that my wireless connection has "limited connectivity"

a. You may have an incorrect IP address assignment.
    - For Windows XP and 2000: Open the Amped Wireless Utility and go to the General tab. Click Renew IP.
    - For Windows 7 and Vista: Open the Windows wireless utility by clicking the wireless icon on the bottom right corner. Right click the wireless network that you are connected to and click Status. Click diagnose to allow Windows to reset your connection

I have connection problems or unstable wireless performance and I have a built in wireless adapter or an Ethernet adapter on my computer.

a. If you feel that your original wireless adapter or Ethernet adapter is causing problems with your wireless connection or making your wireless connection slow you may need to disable your original adapter.
    - Windows: Click Start, then Control Panel, then Device Manager. Under Network Adapters locate your original wireless or wired adapter (not the Amped Wireless adapter). Right click the adapter and select disable.
    - Mac: Click on the wireless icon in the top right corner of your desktop. Select Turn Airport Off.

Wi-Fi Protected Setup (WPS) is not working. Push button configuration does not detect the connection.

a. The wireless adapter supports WPS connections however some companies may use proprietary code for their own push button configurations. Try connecting using the Windows wireless utility or Mac wireless utility instead.

WARRANTY AND REGULATORY INFORMATION

The Amped Wireless (A division of Newo Corporation, Inc.) Limited Warranty

Warranty Period: The Amped Wireless Limited Warranty is for one (1) year from the date of purchase for new products. Refurbished products carry the Limited Warranty for thirty (30) days after the date of purchase.

Guarantee: Amped Wireless warrants to the original purchaser that the hardware of this Amped Wireless product shall be free of defects in design, assembly, material, or workmanship.

Conditions: The Amped Wireless Limited Warranty is for repair or replacement only at the sole discretion of Amped Wireless. Amped Wireless does not issue any refunds for purchased product. In the event that Amped Wireless is unable to repair or replace a product (i.e. discontinued product), Amped Wireless will offer a credit toward the purchase of a similar product of equal or lesser value direct from Amped Wireless. Any repaired or replacement products will be warranted for the remainder of the original Warranty Period or thirty (30) days, whichever is longer. Amped Wireless reserves the right to discontinue any of its products without notice, and disclaims any limited warranty to repair or replace any such discontinued product. Amped Wireless reserves the right to revise or make changes to this product, its documentation, packaging, specifications, hardware, and software without notice. If any portion of the Amped Wireless Limited Warranty is found to be

unenforceable, its remaining provisions shall remain in effect. All costs of shipping the product to Amped Wireless shall be borne solely by the purchaser.

Limitations: IN NO EVENT SHALL AMPED WIRELESS' (NEWO CORPORATION'S) LIABILITY EXCEED THE AMOUNT PAID BY YOU FOR THE PRODUCT FROM DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, ITS ACCOMPANYING SOFTWARE, ACCESSORIES OR ITS DOCUMENTATION. The Amped Wireless Limited Warranty does not apply if: (a) the product assembly has been opened or damaged, (b) the product or its software or firmware has been altered or modified, (c) the product has not been used and installed in accordance to Amped Wireless' instructions, (d) the product has been subjected to misuse, or negligence. Amped Wireless does not guarantee the continued availability of a third party's service for which this product's use or operation may require. The Amped Wireless Limited Warranty does not protect against acts of God, vandalism, theft, normal wear and tear, obsolescence and environmental damages such as, but not limited to, weather and electrical disturbances. The Amped Wireless Limited Warranty is the sole warranty for this product. There are no other warranties, expressed or, except required by law, implied, including the implied warranty or condition of quality, performance merchantability, or fitness for any particular purpose.

How to Claim Warranty: In the event that you have a problem with this product, please go to www.ampedwireless.com/support to find help on solving your problem. In the event that you cannot and

need to file a warranty claim, please call Amped Wireless' Customer Service or visit www.ampedwirleess.com/support to fill out a Return Authorization (RMA) form and obtain a Return Authorization (RMA) number. A dated proof of original purchase and the RMA number is required to process warranty claims. You are responsible for properly packaging and shipping the product at your cost and risk to Amped Wireless. The bearer of cost related to shipping repaired or replaced product back to the purchaser will be at the sole discretion of Amped Wireless and determined based on the details of each RMA case. Customers outside of the United States of America are responsible for all shipping and handling costs including custom duties, taxes and all other related charges.

Technical Support: The Amped Wireless Limited Warranty is not related to the terms, conditions and policies of Amped Wireless' Technical Support offerings. For questions regarding support, please contact techsupport@ampedwireless.com.

Regulatory Information

FCC Statement and Declaration: Amped Wireless declares that this device complies with Part 15 of the FCC Rules and Regulations. Operation of this device is subject to the following two (2) conditions:

(1) This device may not cause harmful interference
(2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Notice: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution and Safety Notices: Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter. Avoid use of this product near water or during an electrical storm as there may be a remote risk of electrical shock from lighting. This product may contain lead, known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling. This device must always be used with a Listed Computer or device.

FCC Radiation Exposure Statement (SAR): This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instructions as documented in this manual. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. SAR compliance has been established in typical laptop computer(s) with USB slot, and this product could be used in typical laptop computer(s) with USB slot. Other applications like handheld PC or similar device have not been verified and may not be in compliance with related RF exposure rule and such use shall be prohibited.

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tech support 888-573-8820
e-mail techsupport@ampedwireless.com
web www.ampedwireless.com

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